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OCT 06 2004

PATENT

PK-US015147

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Examiner: Alison K. Pickard

John Loyd Spence et al.

Patent Art Unit: 3676

Serial No.: 10/005,178

Filed: December 7, 2001

For: SHALLOW METALLIC S-SEAL

Certificate of Transmission

I hereby certify that this correspondence
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Patent and Trademark Office
(Fax No.: (703)-872-9306)
on October 6, 2004


Signature of Patrick A. Hilsmier

THE ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith is a **Response** in the above-identified application:

The fee has been calculated as shown below:


| | | | | <u>SMALL ENTITY</u> | | <u>OTHER THAN A SMALL ENTITY</u> | |
|---|---------------------------------------|---|------------------|---------------------|---------------|--------------------------------------|---------------|
| CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NO. PREVIOUSLY PAID FOR | | PRESENT EXTRA | RATE | ADDIT. FEE | RATE | ADDIT. FEE |
| TOTAL 28 | - 28 | = | 0 | x09 = | \$ | x18 = | \$ |
| INDEP 11 | - 11 | = | 0 | x43 = | \$ | x86 = | \$ |
| [] 1ST PRESENTATION OF MULT. DEP. CLAIM | | | | +145 = | \$ | +290 = | \$ |
| | | | | TOTAL | \$ | TOTAL | \$ |

[X] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1836. A duplicate copy of this sheet is attached.

[X] Any additional excess claim fees under 37 CFR 1.16.

[X] Any additional patent application processing fees under 37 CFR 1.17.

Dated: October 6, 2004


Patrick A. Hilsmier
Reg. No. 46,034

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(202) 293-0444
G:\10-OC\104-KK\PK-US015147 Response Cover.doc

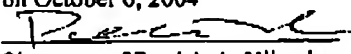
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| | : |  |
| | : | Signature of Patrick A. Hllsmier |

AMENDMENT/RESPONSEAssistant Commissioner of Patents
Washington, DC 20231

Sir:

In response to the July 6, 2004 Office Action, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in the Listing of Claims, which begins on page 2 of this paper. Claims 2-4, 6-14, 16, 17, 19 and 21-33 are pending, with claims 4, 6, 8, 9, 11, 21-24, 27 and 30 being the only independent claims.

Remarks/Arguments begin on page 14 of this paper.